



Figure 65. Flexural cracks produced in the square pile

It was noticed that during the circular pile test at 8% axial loading case, with P3 load level applied to the Type V bearing pad, that the pile cap rotation produced a visible gap $\sim 1/8$ in (3 mm) between the bearing pad and pile cap. Figure 66 show the gaps between the pile cap and bearing pad and the bearing pad and sole plate during a loading. As testing continued more visible gaps were noticed near the peak of each elastic cycle for the different circular pile load cases. During some cases, the edge of the bearing pad was not touching the pile cap or the sole plate.